

Preliminary Environmental Inventory

Project Information

PPMS ID #:	58297	Date:	07/16/2004	District SERP Coordinator:	Salyers, Jennifer
Project Name:	Smithfield Pavement Widening	Field Review Date:	07/09/2004	Field Review Conducted By:	Salyers, Jennifer
Route:	258	City/County:	Isle of Wight	Zip code:	
Road Type:	Primary	Lat:	36°57' 40"	Long:	-76°39' 55"
VDOT Project #:	0258-046-117	Project Administered by Local Government:	No		
Limits From:	ROUTE 620	Target Advertisement Date:			
Limits to:	SMITHFIELD MIDDLE SCHOOL	Funding Source:	Federal		

Scope Of Proposed project: Widen existing two-lane road to three lanes with curb and gutter. All work is to be performed within the existing right of way.

Project Type: Construction	Location Of Work: Work within existing corridor	Road Conditions:	Existing	Proposed
		Pavement Width (ft)	24	36
		Right-of-way-width (ft)	50	50
		Bridge/drainage structure?	None Specified	

Resource Information

Resource	Detailed resource Information				Level Of Impact
Potential commercial, residential, or non-profit displacements	#Commercial:0	#Residential:0	#Non-Profit:0	#Industrial:0	No impact
	Comments: VDOT Hazmat - none.VDOT Documents - the proposed project is within the right of way. Therefore, no impacts are anticipated for displacements.				
Known hazardous materials/waste sites/landfills	Recorded hazmat sites: 0	Observed or potential sites: 0			No impact
	DEQ's Real Estate Search Informaton online database provided a list of hazardous waste notifiers, solid waste management facilities, CERCLA sites,and environmental incidents within the project area. These databases were searched for potential impacts to known hazardous material sites on 06/07/2004This search resulted in the identification of No hazardous material sites within the project area				
	Comments: VDOT Hazmat - No hazmat issues unless utility installation/relocation is necessary. In that case, there is a Citgo/Hearn's Bait Barn & General Store at 841 West Main Street/Route 258, located across from the middle school. Would need to do a Phase I and II if utilities are involved (AGW 6/11/04).VDOT Documents - no impacts anticipated as long as work is within the right of way.				
Known underground storage tanks	Recorded tank sites: 0	Observed or potential sites: 0			No impact
	DEQ's Leaking Underground Storage Tank database is contained in VDOT'S GIS Integrator under DEQ Petroleum Release Sites. This database was searched for potential impacts to known underground storage tanks on 06/07/2004This search resulted in the identification of No underground storage tanks within the project area				
Air quality	Recorded Area : Non-attainment area	Volatile Organic Compound control area: Y			Impact
	Comments: DEQ Air (07/02/2004)- The above-referenced proposed project is located in an ozone nonattainment area. The applicable state air pollution regulations for this construction project are listed: 9 VAC 5-50-90 Fugitive Dust and Emissions Control, 9 VAC 5-40-5620 Open Burning Requirements, 9 VAC 5-40-5510 Cutback Asphalt Prohibition (during the months of April through October.The project site is also located in a state volatile organic compound and nitrogen oxides emission control area.				
Public parks and recreation areas	parks:	Recreation areas:			No impact

	<p>DCR's Virginia Outdoors Plan was searched for potential impacts to public parks and recreation areas. These resources are not present within or adjacent to the project area.</p> <p>Comments: VDOT Documents - VOP does not identify and parks or recreation areas within the project area.</p>	
Public waterfowl/wildlife refuges	<p>Refuges: 0 Virginia Land Holdings: 0</p> <p>VDGIF's online Fish and Wildlife Information Service database and DCR's Virginia Outdoors Plan was searched for potential impacts to public waterfowl/wildlife refuges and Virginia Land holdings. These resources are not present within or adjacent to the project.</p> <p>Comments: VDOT Documents - DGIF did not identify any wildlife refuges or Virginia Land Holdings within two miles of the project area.</p>	No impact
Agricultural/forestal districts	<p>Number of agricultural districts: 1 Number of forestal districts: 0</p> <p>Anticipated # of acres impacted in Agricultural/forestal operation: 0</p> <p>Anticipated # of acres impacted in Agricultural/forestal district: 0</p> <p>Comments: VDOT Documents - GIS identified one parcel (tax ID 21-(01)-028A) at the northeast quadrant of the intersection of Route 620 and route 258. No impact is anticipated as long as the work remains within the right of way.</p>	No impact
Farm land	<p>Name or Location of farm: Entire Area Acres impacted: 0</p> <p>Comments: VDOT Documents - the project is surrounded by prime farmland for approximately 1.0 mile of the 1.2 mile area. However, no impact is anticipated as long as the work remains within the right of way as proposed.</p>	No impact
Forest land	<p>Name or Location of forest: Acres impacted: 0</p> <p>Comments: DOF (06/13/2004)- DOF - no comments.</p>	No impact
Existing open space easement	<p>Number and locations of easements: None</p> <p>Comments: VOF ()- VOF has no easements in the Isle of Wight County. VOF has no comments on this project.</p>	No impact
Geology of site	<p>Location of areas of concern: None</p> <p>Comments: DMME (07/07/2004)- DMME has no comments on this project.</p>	No impact
Public water supply	<p>Location of public water supply: Town of Smithfield, Smithfield Mobile Home Park, and Smithfield Heights (wells 1, 2, & 3)</p> <p>VDH's public water supply information is contained in VDOT's GIS Integrator under Surface Water Intake, Surface Water Intake Watersheds, Wells and Springs, and Wells and Springs Protection Zones. This database was searched for potential impacts to known public water supplies on 06/14/2004 This search resulted in the identification of potentialfor public water supplies within the project area.</p> <p>Comments: VDH - no comments received.VDOT Documents - GIS identified five wells and springs protection zones referenced above.</p>	Unknown
Scenic resources	<p>Wild and scenic rivers: 0 Virginia Byways: 0</p> <p>DCR's Virginia Outdoors Plan was searched for potential impacts to Wild and Scenic Rivers. Virginia Byways Map was searched for potential impacts to State Scenic Byways. These resources arenot present within or adjacent to the project area.</p> <p>Comments: VDOT Documents - VOP does not identify any wild and scenic rivers within the project area. This project will not impact on any State Scenic Byways.</p>	No impact
Threatened or endangered species	<p>DGIF identified a FE, FT, SE or ST terrestrial or aquatic species in their Collections database within a 2 mile radius of the project, therefore the project is under review by the VDOT's Biologist : Y</p> <p>DCR identified a FE, FT, SE or ST plant or insect species in the VDACS/DCR database, therefore the project is under review by the VDOT's Biologist : N</p> <p>VDOT's Biologist has reviewed the available information and determined the Level of Impact at this stage : N</p> <p>Comments: DCR/VDACS(07/02/2004)The current activity will not affect any documented state-listed plants or insects.</p>	Unknown

	<p>VDOT (06/07/2004)-A two-mile radius search was conducted on the Department of Game and Inland Fisheries Online Fish and Wildlife Information Service to identify and threatened or endangered species</p> <p>DGIF ()-</p>	
Natural heritage resources	<p>Documented? : N</p> <p>Site visit performed by DCR? : N</p> <p>Date Site visit performed? :</p> <p>Comments: DCR (07/02/2004)- According to the information currently in our files, natural heritage resources have not been documented in the project area. The absence of data may indicate that the project area has not been surveyed, rather than confirm that the area lacks natural heritage resources. Please contact DCR for an update on this natural heritage information if a significant amount of time passes before it is utilized.</p>	No impact
Trout waters	<p>Location : none</p> <p>A search of VDGF's online Fish and Wildlife Information Service database revealed no trout waters within 2 miles of the protection area.</p> <p>Comments: VDOT Documents - this project is not located within a trout waters protection area.</p>	No impact
Anadromous fish	<p>Location : None</p> <p>A search of VDGF's online Fish and Wildlife Information Service database revealed no anadromous fish waters within 2 miles of the protection area.</p> <p>Comments: VDOT Documents - DGIF database did not identify any anadromous fish within the project area.</p>	No impact
Known shellfish grounds	<p>Location : None</p> <p>Comments: None.</p>	No impact
100-year floodplain areas	<p>FEMA FIRM Community Panel Number :</p> <p>Within 100-year floodplain ? N</p> <p>Comments: This project is not located within 100-year floodplain.FIRM - 51093C0135D</p>	No impact
Existing public access to waterways	<p>Access Exist? : N</p> <p>Recreation Use Bridge None</p> <p>The bridge listed in the Inventory of Bridges with Recreational Use provided by DCR.</p> <p>Comments: VDOT Documents - Access to public waterways is unavailable in the project area.</p>	Impact
Federal Property	<p>Name or Location : None</p> <p>Comments: VDOT Documents - This project will not impact on federal property.</p>	No impact
Historic resource	<p>Previously recorded architectural resources ? : Yes</p> <p>Previously recorded archaeological resources ? : No</p> <p>Area of Potential Effects : The APE for archaeology is the construction limits of the project, including all easements -- construction, drainage, utility, etc. The APE for architecture is the geographical area in which the qualities that make a property eligible for the National Register of Historic Places may be altered by the project.</p> <p>VDOT effect determination :</p> <p>Studies Needed to ID Historic Properties : BOTH ARCHIT. AND ARCHAEO.</p> <p>Comments :</p>	Cannot Be Concluded in SERP
Water quality permits	<p>Streams involved? Y</p> <p>If yes, name of stream(s): Unnamed int. trib. to Mount Holly Creek</p> <p>If yes, streamflow is: Unnamed int. trib. to Mount Holly Creek is Unknown</p>	Impact
	<p>Wetlands involved? : Y</p> <p>If yes, amount of impact: <1/10 Acre</p>	Impact
	<p>Are permits required? : Y</p> <p>If yes, type of permit required : LOP-1,Individual VWPP</p>	

	Comments :	VMRC ()-	
	DEQ-Water :	()- DEQ Water - No comments received.	

Overall project comments:

Project design will include all practicable measures to avoid impacts to wetlands and waters of the U.S., and where impacts cannot be avoided, will include all measures to minimize impacts to the maximum extent possible. Project design will include all practicable measures to avoid harm to threatened or endangered species or their habitats. Strict erosion and sediment control measures are employed and monitored by VDOT on all road construction projects. This project will be constructed in accordance with the Erosion and Sediment Control Laws and with the Stormwater Management Regulations to ensure protection of public waters.

